

DRAINAGE



CITY OF CHULA VISTA
CAPITAL IMPROVEMENTS PROGRAM DETAIL

CIP NO:	DR118	NEW CIP NO	26591180	INITIALLY SCHEDULED:	07/01/1993
TITLE:	Telegraph Canyon Channel Improvements, Sierra Way to "K" Street			DEPARTMENT:	Public Works
COMMUNITY PLAN AREA:	Central Chula Vista			PROJECT MANAGER:	Silvester Evetovich

COST ESTIMATES:	PROJECT TOTAL	TOTAL APPROPRIATIONS THRU 2007-08		FY 2008-09	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13
1. Planning / Env. Review	\$419,386	\$419,386		\$0	\$0	\$0	\$0	\$0
2. Land Acquisition	\$218,000	\$218,000		\$0	\$0	\$0	\$0	\$0
3. Design	\$605,000	\$605,000		\$0	\$0	\$0	\$0	\$0
4. Construction	\$2,676,640	\$2,676,640		\$0	\$0	\$0	\$0	\$0
TOTALS	\$3,919,026	\$3,919,026		\$0	\$0	\$0	\$0	\$0

FINANCING SOURCES:								
DIFTCYNDRAIN	\$3,919,026	\$3,919,026		\$0	\$0	\$0	\$0	\$0
TOTALS:	\$3,919,026	\$3,919,026		\$0	\$0	\$0	\$0	\$0

DESCRIPTION:

- 1) The construction project involved Phase I improvements to reduce flooding and erosion between "K" Street and Sierra Way of the overall Telegraph Canyon Channel project, which extends from Hilltop Park to Fourth Avenue. The construction and utility relocation of this project is complete (total cost: \$2,676,640).
- 2) Resolution No. 2000-329, dated September 26, 2000, awarded the contract for the Telegraph Canyon Creek Mitigation Plan in the Otay River to Shiva Construction, Inc. and appropriated funds in the amount of \$215,000. The mitigation work is complete. There is a one-year maintenance period. After Shiva's one-year maintenance period, a contract will be bid for a four-year maintenance period at an estimated cost of approximately \$48,000.
- 3) Resolution No. 2000-419, dated November 14, 2000, awarded the contract for the biological mitigation monitoring services for the Telegraph Canyon Creek Improvements Off-site Mitigation to Merkel and Associates, Inc. appropriating funds in the amount of \$39,513.00. This is a five-year monitoring contract. An additional off-site mitigation bank purchase will also be required (approximately \$200,000).

JUSTIFICATION:

The Wetland Mitigation plan requires a minimum multi-year plant establishment/maintenance period and biological mitigation monitoring period. Mitigation work is on City-owned property in the Otay River Valley, per the Corps of Engineers' permit.

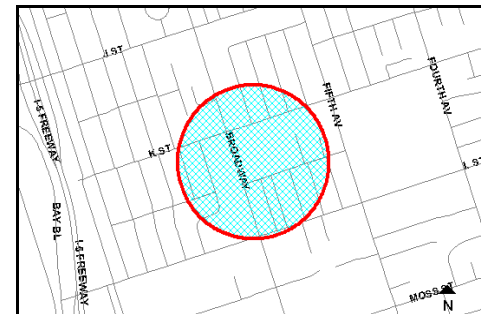
SCHEDULING:

The monitoring phase commenced in late FY 00/01 and is scheduled to continue through FY 2008-09.

STATUS:

The construction of this project is complete. The project is currently in the biological mitigation monitoring, plant establishment, and maintenance phase.

VICINITY MAP:



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CIP NO:	DR167	NEW CIP NO	26561670	INITIALLY SCHEDULED:	07/01/2005
TITLE:	Telegraph Canyon Drainage Study, Third & L			DEPARTMENT:	Engineering
COMMUNITY PLAN AREA:	Western City			PROJECT MANAGER:	Elizabeth Chopp

COST ESTIMATES:	PROJECT TOTAL	TOTAL APPROPRIATIONS THRU 2007-08		FY 2008-09	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13
1. Planning / Env. Review	\$731,000	\$731,000		\$0	\$0	\$0	\$0	\$0
2. Land Acquisition	\$0	\$0		\$0	\$0	\$0	\$0	\$0
3. Design	\$0	\$0		\$0	\$0	\$0	\$0	\$0
4. Construction	\$520,000	\$520,000		\$0	\$0	\$0	\$0	\$0
TOTALS	\$1,251,000	\$1,251,000		\$0	\$0	\$0	\$0	\$0

FINANCING SOURCES:								
DIFTCYNDRAIN	\$1,251,000	\$1,251,000		\$0	\$0	\$0	\$0	\$0
TOTALS:	\$1,251,000	\$1,251,000		\$0	\$0	\$0	\$0	\$0

DESCRIPTION: Study to analyze the drainage system upstream and downstream of L Street and Third Avenue. Study will analyze, quantify flows, recommend best solutions and estimate costs.

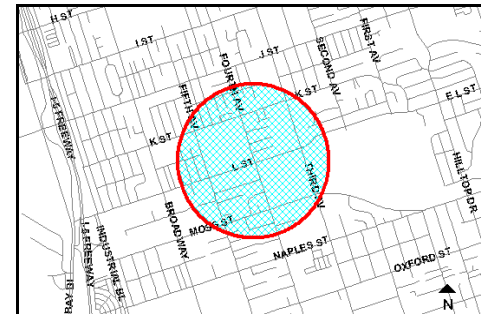
JUSTIFICATION: Flooding occurs around the intersection of Third Avenue and L Street due to lack of channel capacity and lack of capacity at the L Street and Third Avenue culverts. Additionally, the channel has eroded both upstream and downstream of these culverts and debris contributes to the problem by clogging the culverts. In order to implement the best solution to this complex problem, the complete system will be analyzed before any replacement begins.

SCHEDULING: Based on results of study, replacement will begin thereafter.

STATUS: On-going.

BUDGET EFFECT: None.

VICINITY MAP:



**CITY OF CHULA VISTA
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CIP NO:	DR172	NEW CIP NO	26571720	INITIALLY SCHEDULED:	07/01/2006
TITLE:	Bonita Long Cnyn Erosion Study			DEPARTMENT:	Engineering
COMMUNITY PLAN AREA:	Eastern			PROJECT MANAGER:	Elizabeth Chopp

COST ESTIMATES:	PROJECT TOTAL	TOTAL APPROPRIATIONS THRU 2007-08		FY 2008-09	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13
1. Planning / Env. Review	\$150,000	\$150,000		\$0	\$0	\$0	\$0	\$0
2. Land Acquisition	\$0	\$0		\$0	\$0	\$0	\$0	\$0
3. Design	\$0	\$0		\$0	\$0	\$0	\$0	\$0
4. Construction	\$0	\$0		\$0	\$0	\$0	\$0	\$0
TOTALS	\$150,000	\$150,000		\$0	\$0	\$0	\$0	\$0

FINANCING SOURCES:								
RCT	\$150,000	\$150,000		\$0	\$0	\$0	\$0	\$0
TOTALS:	\$150,000	\$150,000		\$0	\$0	\$0	\$0	\$0

DESCRIPTION: This study will provide and analyze solutions for reducing erosion in these canyons, including preliminary design diagrams, cost estimates and preferred alternatives. Recommended environmental planning steps and mitigation measures shall be included.

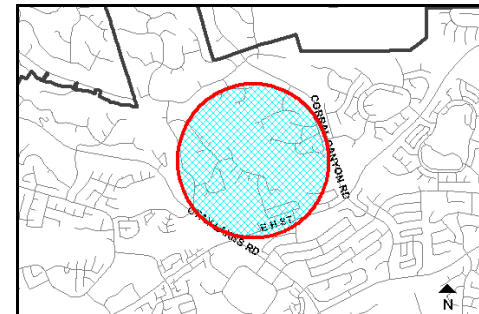
JUSTIFICATION: Staff has received numerous concerns from residents in and around the area. Canyon erosion is evident and staff is proactively seeking solutions in an effort to promote the health and safety of local residents.

SCHEDULING: See Status.

STATUS: Study to continue through FY 2008-09.

BUDGET EFFECT: The study will have no impact. Lack of a solution will result in increasing maintenance and repair costs.

VICINITY MAP:



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CIP NO:	DR173	NEW CIP NO	26571730	INITIALLY SCHEDULED:	07/01/2007
TITLE:	Fifth Avenue Drainage Improvements			DEPARTMENT:	Engineering
COMMUNITY PLAN AREA:	Western City			PROJECT MANAGER:	Roberto Yano

COST ESTIMATES:	PROJECT TOTAL	TOTAL APPROPRIATIONS THRU 2007-08		FY 2008-09	FY 2009-10	FY 20010-11	FY 2011-12	FY 2012-13
1. Planning / Env. Review	\$0	\$0		\$0	\$0	\$0	\$0	\$0
2. Land Acquisition	\$0	\$0		\$0	\$0	\$0	\$0	\$0
3. Design	\$100,000	\$100,000		\$0	\$0	\$0	\$0	\$0
4. Construction	\$300,000	\$300,000		\$0	\$0	\$0	\$0	\$0
5. project management	\$54,359	\$54,359		\$0	\$0	\$0	\$0	\$0
TOTALS	\$454,359	\$454,359		\$0	\$0	\$0	\$0	\$0

FINANCING SOURCES:								
CIP/FISCAL AGENT	\$252,833	\$252,833		\$0	\$0	\$0	\$0	\$0
RCT	\$201,526	\$201,526		\$0	\$0	\$0	\$0	\$0
TOTALS:	\$454,359	\$454,359		\$0	\$0	\$0	\$0	\$0

DESCRIPTION: The project provides for the construction of a drainage facility west of Fifth Avenue at the intersection of Fifth Avenue and Clariss Street in the City of Chula Vista

JUSTIFICATION: The project is located downstream of and will work in conjunction with "Emerson Street Drainage improvements" (DR-133). The Emerson Street drainage project, now in construction, was identified as a top drainage priority in the Infrastructure Deficiency Report presented to Council on April 5, 2007. As part of the more specific drainage study done for DR-133, the area of the proposed project (DR-173) was identified as one with a high probability of flooding.

SCHEDULING: See status.

STATUS: Project is complete, with final as-builts anticipated in FY2008-09.

BUDGET EFFECT:

VICINITY MAP:

